

# PLANTING SCHEDULE

TYPE	KEY #	BOTANICAL - COMMON NAME	MINIMUM SIZE & REMARKS
<b>Deciduous - Trees</b>			
T	A	Acer rubrum 'October Glory' - October Glory Red Maple	2.5'-3' cal. BB
T	C	Cladrastis kentuckia 'Purkin's Pink' - Purkin's Yellowwood	2.5'-3' cal. BB
T	D	Gleditsia triacanthos 'Inermis' - Shademaster thornless and Seedless Honey Locust	2.5'-3' cal. BB
T	E	Liquidambar styraciflua - Sweet Gum	2.5'-3' cal. BB
T	F	Quercus palustris 'Green Pillar' - Green Pillar Pin Oak	2.5'-3' cal. BB
T	G	Tilia cordata 'Greenspire' - Greenspire Linden	2.5'-3' cal. BB
T	H	Taxodium distichum - Baldcypress	2.5'-3' cal. BB
T	I	Ulmus parvifolia - Urban Elm	2.5'-3' cal. BB
<b>Understory - Trees</b>			
O	N	Malus x Pinnifera - Pinnifera Crab	1.5' - 2' cal. BB
O	I	Prunus subhirtella 'Pendula Plena Rosea' - Weeping Japanese Cherry	1.5' - 2' cal. BB
<b>Evergreen - Trees</b>			
E	K	x cupressocypariss leylandii - Leyland Cypress	minimum size 6' in ht.
E	J	Ilex x attenuata 'Fosteri' - Foster Holly	
E	M	Ilex 'Nellie R. Stevens' - Nellie Stevens Holly	
E	O	Picea abies - Norway Spruce	
E	L	Pinus strobus - Eastern White Pine	
<b>Shrubs</b>			
S	AA	Aronia arbutifolia 'Brilliantissima' - Red Chokeberry	18"-24" cont.
S	CS	Cornus sericea 'Flaviramea' - Yellowtwig dogwood	18"-24" cont.
S	CS	Cornus alba sibirica - Red Twig Dogwood	18"-24" cont.
S	IT	Itea virginica - Virginia sweetspire	18"-24" cont.
S	IV	Ilex verticillata 'Winter Red' - Winter Red - Winterberry	18"-24" cont.
S	SC	Sambucus canadensis - Elderberry	18"-24" cont.
S	VD	Viburnum dentatum - Arrowwood	18"-24" cont.
S	VR	Viburnum rhytidophyllum 'Allegany' - Allegheny Vib. Viburnum	18"-24" cont.

Type Key: T = Tree, ST = Street tree, O = Understory/Ornamental, E = Evergreen, S = Shrub, G = Grasses  
GC = Ground Cover, P = Perennial, B = Bulbs, V = Vines

**NOTE:** Prior to issuance of an certificates of occupancy, a surety guarantee bond or other security instrument acceptable to and approved by the city solicitor, shall be posted in the amount of 120% of the cost of required landscaping to insure proper maintenance of the landscaping for a period of two years from the date of installation. During the two year period the developer shall be responsible for replacing all plants that die or are diseased.

## BIOFILTRATION SWALE - SEEDED AND PLANTING AREAS

**Planting**  
Plant trees, shrubs and herbaceous plants per the schedule. Mulch trees and shrubs individually if they are within the biofiltration seed mix area.

**Maintenance**  
Maintain the biofiltration seed mix area at a height of 8" - 24". Cut a minimum of twice a year in mid to late Spring, and again in mid to late Fall. More cuttings may be needed depending upon the growing season. Remove all clippings from cutting operations, and remove all leaves from the Fall leaf drop. Water as needed during dry summer months or drought conditions.

**SEED MIXES:**  
All seed beds shall be treated with a one time application of: Lime at 2 tons/acre, and 10-10-10 fertilizer at 1,000 lbs. per acre. No lime or fertilizer in riparian areas/ flood plain areas.

**Biofiltration area seed mix - 50 lbs./ac**  
20% - PANICUM VIRGATUM - SWITCHGRASS  
15% - PANICUM AMARUM - COASTAL PANICGRASS  
15% - CINNA ARUNDINACEA - WOOD REED GRASS  
15% - SPARTINA PECTINATA - PRAIRIE CORD GRASS  
10% - ANDROPOGON VIRGINICUS - BROOMSEDGE  
10% - ANDROPOGON GERDII - BIG BLUESTEM  
10% - SOURGHASTURM NUTANS - INDIAN GRASS  
5% - AGROSTIS ALBA - REDTOP

Bio filtration swales shall be cut to a 12" ht. once a year in the Late Winter/ Early Spring.  
Inspect after storm events for damage, reseed as needed.

**NATIVE MEADOW GRASS AREAS in flood plain**  
**Maintenance**  
Plant native meadow grass areas per the schedule on sheet 1 of 1. Cut during the growing season to maintain a height of 8" - 20".

**NATIVE WETLAND MEADOW-FLOODPLAIN SEED MIX**  
Seed at a rate of 20 lbs/ ac.  
25% CAREX VULPINOIDEA - FOX SEDGE  
20% ELYMUS VIRGINICUS - VIRGINIA WILD RYE  
15% JUNCUS EFFUSUS - SOFT RUSH  
10% CAREX LURIDA - SHALLOW SEDGE  
10% SPARTINA PECTINATA - PRAIRIE CORD GRASS  
5% PANICUM VIRGATUM - SWITCHGRASS  
5% AGROSTIS ALBA - RED TOP  
5% SCRIPUS AMERICANUS - BULRUSH  
5% SAGITTARIA LATIFOLIA - DUCK POTATOE

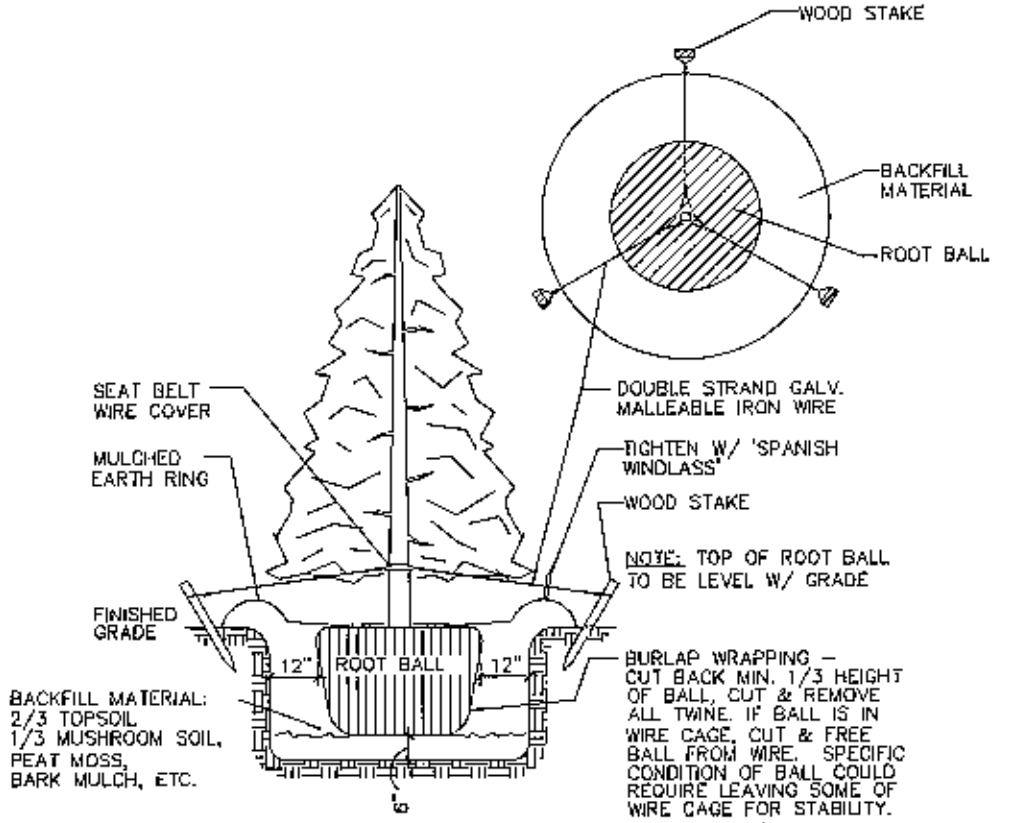
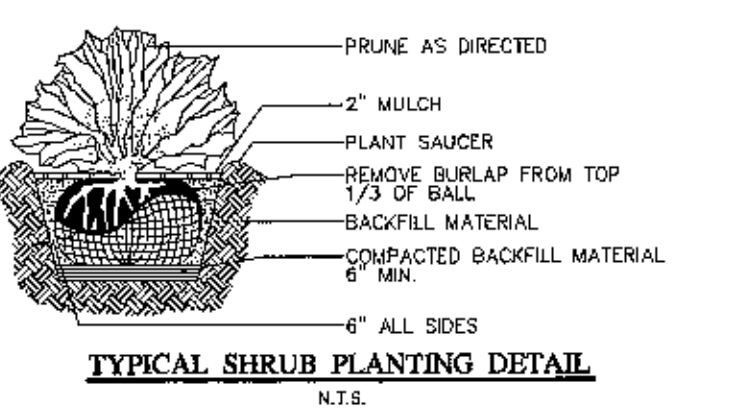
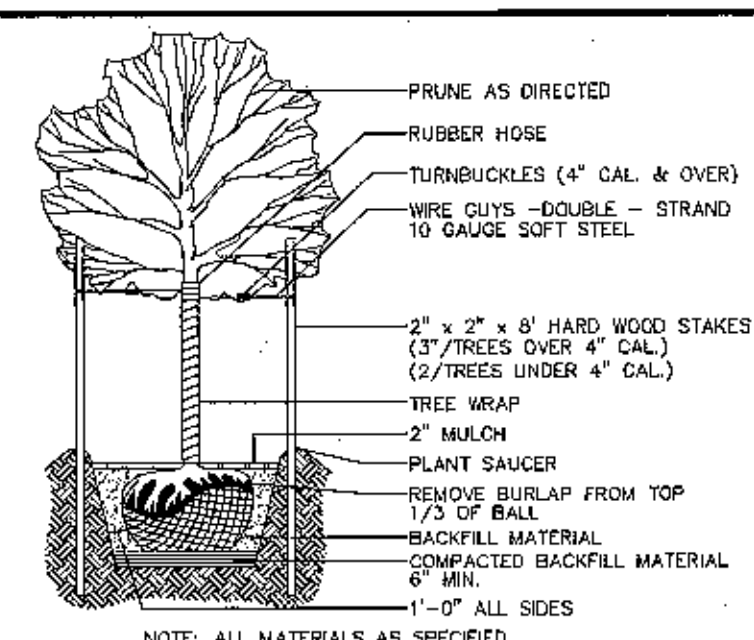
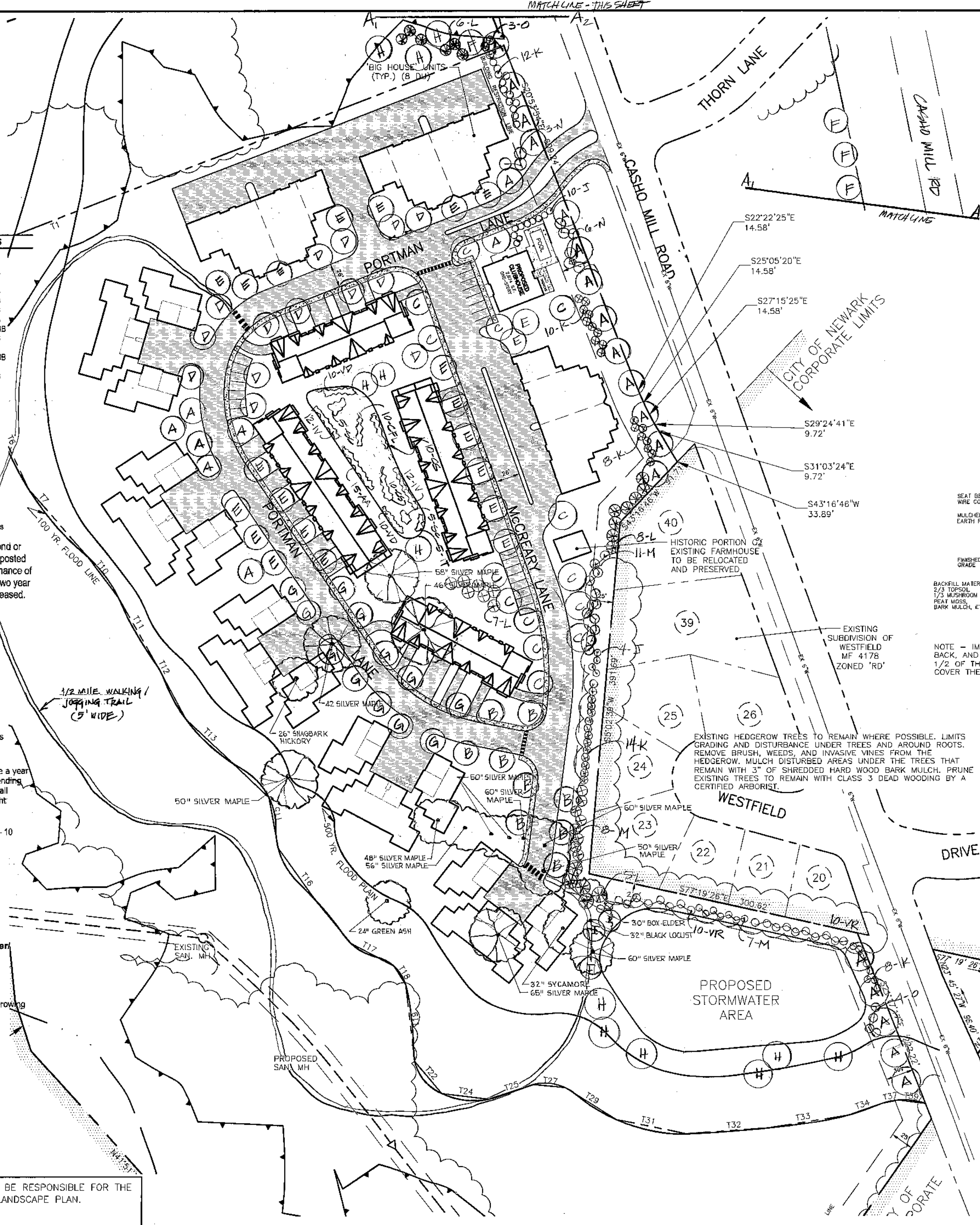
**SEED AND HYDROMULCH ALL DISTURBED AREAS WITH THE NATIVE WETLAND MEADOW SEED MIX, UNLESS OTHERWISE NOTED.**

I, THE UNDERSIGNED, WILL BE RESPONSIBLE FOR THE IMPLEMENTATION OF THIS LANDSCAPE PLAN.

OWNER DATE

THIS DRAWING DOES NOT INCLUDE NECESSARY CONSIDERATIONS FOR CONSTRUCTION SAFETY.

ALL CONSTRUCTION MUST BE DONE IN COMPLIANCE WITH THE OCCUPATIONAL SAFETY AND HEALTH ACT OF 1970 AND THE RULES AND REGULATIONS THEREBY APPROPRIATE.



**NOTE - IMPORTANT:** REMOVE STAKES AFTER ONE (1) YEAR. PULL BACK, AND REMOVE BURLAP, TWINE AND ANY WIRE FROM THE TOP 1/2 OF THE ROOT BALL. DO NOT USE TREE WRAP, DO NOT COVER THE ROOT CROWN WITH MULCH.

LOCATE OVERHEAD AND UNDERGROUND UTILITIES PRIOR TO PLANTING. FIELD ADJUST PLANT LOCATIONS AS NEEDED TO AVOID CONFLICT WITH SWALES, PIPES, DRAINAGE, STRUCTURES, WIRES, UTILITY BOXES, TRANSFORMERS, EXISTING VEGETATION TO REMAIN, ETC.

### NOTES:

- ALL PLANT MATERIALS, PLANTING PROCEDURES AND PRACTICES SHALL BE IN ACCORDANCE WITH THE STANDARDS AS SET FORTH BY THE AMERICAN ASSOCIATION OF NURSERYMEN.
- MULCH SHALL BE FINELY SHREDDED HARDWOOD BARK. DO NOT COVER THE ROOT CROWN OF TREES OR STEM BASES OF SHRUBS WITH MULCH. TREAT ALL TRUNKS WITH ANTI-DESSICANT SPRAY OR WRAP WITH STANDARD TREE WRAP PAPER.
- PLANTING MIXTURE SHALL BE: ONE PART LOOSE PEAT HUMUS (SUCH AS PEAT MOSS, LEAF MOULD, EARTH LIFE, MUSHROOM SOIL, ETC.) ONE PART SAND, TO ONE PART PARENT SOIL.
- SOIL AMENDMENTS SHALL BE:  
.25lbs. ORGANIC GRANULAR FERTILIZER  
.75lbs. BONE MEAL  
1.0 lbs. ROTTED COW MANURE  
PER CUBIC FOOT OF SOIL MIX  
(ORGANIC FERT. - 5-10-5)
- THE CONTRACTOR SHALL WARRANTY ALL PLANTS FOR A PERIOD OF TWO YEARS FROM FINAL ACCEPTANCE. ALL REPLACEMENTS SHALL BE AS ORIGINALLY SPECIFIED, DURING THE PROPER PLANTING SEASON. THE CONTRACTOR SHALL NOTIFY THE OWNER SHOULD POOR DRAINAGE AND/OR SOIL CONDITIONS BE ENCOUNTERED DURING PLANTING.
- LANDMARK ENGINEERING, INC. MAKES NO GUARANTEE AS TO THE EXISTENCE OR NON-EXISTENCE, LOCATION, DEPTH, SIZE OR CONDITION OF ANY UNDERGROUND UTILITIES SHOWN ON THIS PLAN. EXISTING UTILITIES ARE SHOWN IN ACCORDANCE WITH INFORMATION PROVIDED BY THE RESPECTIVE UTILITY COMPANIES AT THE TIME THE PLAN WAS PREPARED.

IT IS THE RESPONSIBILITY OF THE OWNER, OR HIS CONTRACTOR TO VERIFY AND ALLOW FOR THE LOCATION AND DEPTH OF THE UNDERGROUND UTILITIES WITHIN THE WORK AREA SHOWN ON THIS PLAN. THE CONTRACTOR SHALL NOT BEGIN ANY EXCAVATION OR OTHER CONSTRUCTION AROUND OR IMMEDIATELY ADJACENT TO EXISTING UTILITIES WITHOUT NOTIFYING THE UTILITY OWNER(S) AT LEAST SEVENTY-TWO (72) HOURS IN ADVANCE OF THE START OF EXCAVATION OR CONSTRUCTION. TEST PITS FOR UTILITY LOCATIONS MAY OR MAY NOT BE REQUIRED.

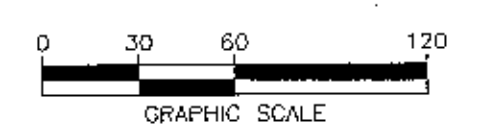
PRIOR TO ANY CONSTRUCTION, WE RECOMMEND THE CONTRACTOR EXCAVATE IN THE AREA OF ANY POTENTIAL UTILITY CROSSING TO VERIFY THAT THE UTILITY WILL NOT INTERFERE WITH CONSTRUCTION. IF, AFTER UNCOVERING THE UTILITY, THERE IS ANY QUESTION CONCERNING A POSSIBLE CONFLICT, THE CONTRACTOR SHALL IMMEDIATELY CONTACT THE ENGINEER. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO PROTECT ALL EXISTING UTILITIES AND MAINTAIN UNINTERRUPTED SERVICE. ANY DAMAGE DONE TO THEM DUE TO HIS NEGLIGENCE SHALL BE IMMEDIATELY AND COMPETENTLY REPAIRED AT HIS EXPENSE.

EXISTING HEDGEROW TREES TO REMAIN WHERE POSSIBLE. LIMITS GRADING AND DISTURBANCE UNDER TREES AND AROUND ROOTS. REMOVE BRUSH, WEEDS, AND INVASIVE VINES FROM THE HEDGEROW. MULCH DISTURBED AREAS UNDER THE TREES THAT REMAIN WITH 3" OF SHREDDED HARD WOOD BARK MULCH. PRUNE EXISTING TREES TO REMAIN WITH CLASS 3 DEAD WOODING BY A CERTIFIED ARBORIST.

## LANDSCAPE PLAN FOR SAW MILL PLACE

CITY OF NEWARK - NEW CASTLE COUNTY DELAWARE

EQUITABLE OWNER/DEVELOPER  
ESTATE OF ETHEL H. WILSON  
1275/1285 CASHO MILL ROAD  
NEWARK, DE 19711



**LANDMARK ENGINEERING**  
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INFO @ LANDMARKENGINEERING.COM • WWW.LANDMARKENGINEERING.COM

REVISIONS	CHECKED BY

SCALE: 1" = 60'	DRAWN BY: JMW
DESIGNED BY: JGC	CHECKED BY: JGC
DATE: 1-17-07	FILE NO. C1682
COMM. NO. 005	SHEET NO. CL-01 of 02

LANDSCAPE DESIGN BY: DESIGNS, ETC.  
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(610) 388-7758

**CL-01**